12:54

Quiz
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Question # 3 of 5 ( Start time: 12:54:30 PM, 08 August 2021 )

$\mathbb{R}$ with usual topology is a $T_4 - space$.

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Select the correct option

- False
- True

Click to Save Answer & Move to

MTH634 Quiz No. 3

Question # 2 of 5 ( Start time: 12:53:10 PM, 08 August 2021 )

A topological space X is called a connected space iff there exists a pair of subsets of X both nonempty and both open and closed.

Select the correct option

- True
- False

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Question # 1 of 5 ( Start time: 12:53:03 PM, 08 August 2021 ) Total Marks: 1

A set X with cofinite topology is compact.

Select the correct option

- False
- True

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Question # 1 of 5 ( Start time: 12:52:45 PM, 08 August 2021 )

Quiz Start Time: 12:52 PM, 08 August 20

Total Marks

If $(X, \tau)$ be a compact Hausdorff space then $(X, \tau)$ is not normal.

Select the correct option

Reload Math Equations

- True
- False

Question # 5 of 5 ( Start time: 12:51:33 PM, 08 August 2021 )

Quiz Start Time: 12:49 PM

A topological space X is called a connected space iff there exists a pair of subsets of X both nonempty and both open and closed

Select the correct option

- False
- True

4G 62% 12:51 pm

Quiz
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BC180400508: MAZHAR IQBAL

Time Left 88 sec(s)

MTH634:Quiz No. 3

Quiz Start Time: 12:47 PM, 08 August 2021

Question # 5 of 5 ( Start time: 12:51:22 PM, 08 August 2021 )

Total Marks: 1

An open interval in

$\mathbb{R}$

with usual topology is not compact.

Select the correct option

Reload Math Equations

- True
- False

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Click to Save Answer & Move to Next Question

Question # 4 of 5 ( Start time: 12:51:01 PM, 08 August 2021 )

Which of the following statement is false?

Select the correct option

- Every metric space is Hausdorff space.
- Every metric space is second countable.
- none
- Every metric space is normal space.

62% 12:50 pm

Quiz
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BC180400508: MAZHAR IQBAL

Time Left 88 sec(s)

MTH634:Quiz No. 3

Quiz Start Time: 12:47 PM, 08 August 2021

Question # 4 of 5 ( Start time: 12:50:32 PM, 08 August 2021 )

Total Marks: 1

Every discrete space is not a regular space.

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Select the correct option

- False
- True

Click to Save Answer & Move to Next Question

Question # 3 of 5 ( Start time: 12:50:33 PM, 08 August 2021 )

Which of the following statement is false?

Select the correct option

- An infinite set X with discrete topology is compact.
- A finite set X with any topology is compact.
- A set X with indiscrete topology is compact.
- A set X with any topology containing finite number subsets of X is compact.

Question # 2 of 5 ( Start time: 12:49:54 PM, 08 August 2021 )

A set X with cofinite topology is compact.

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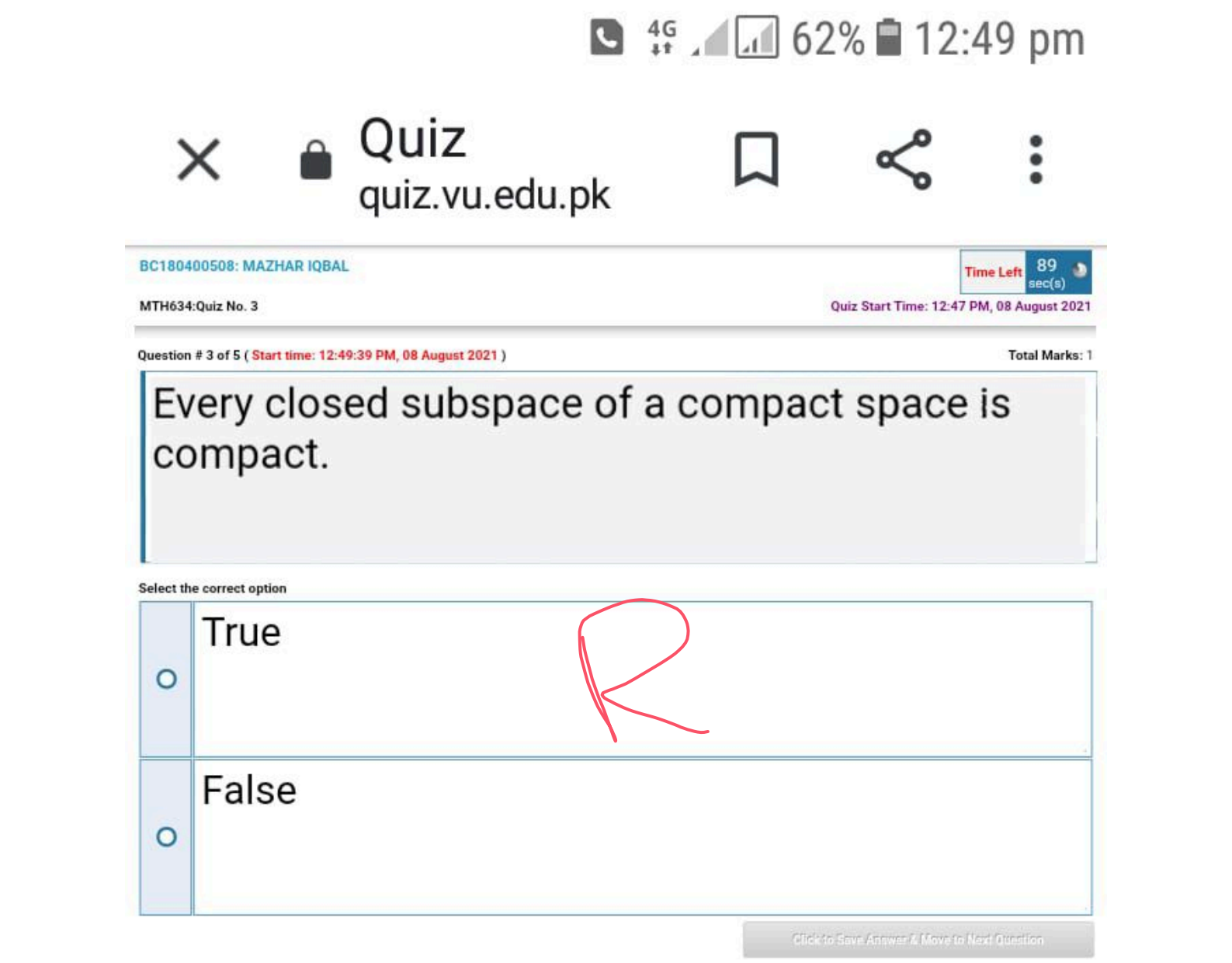
Select the correct option

- True
- False

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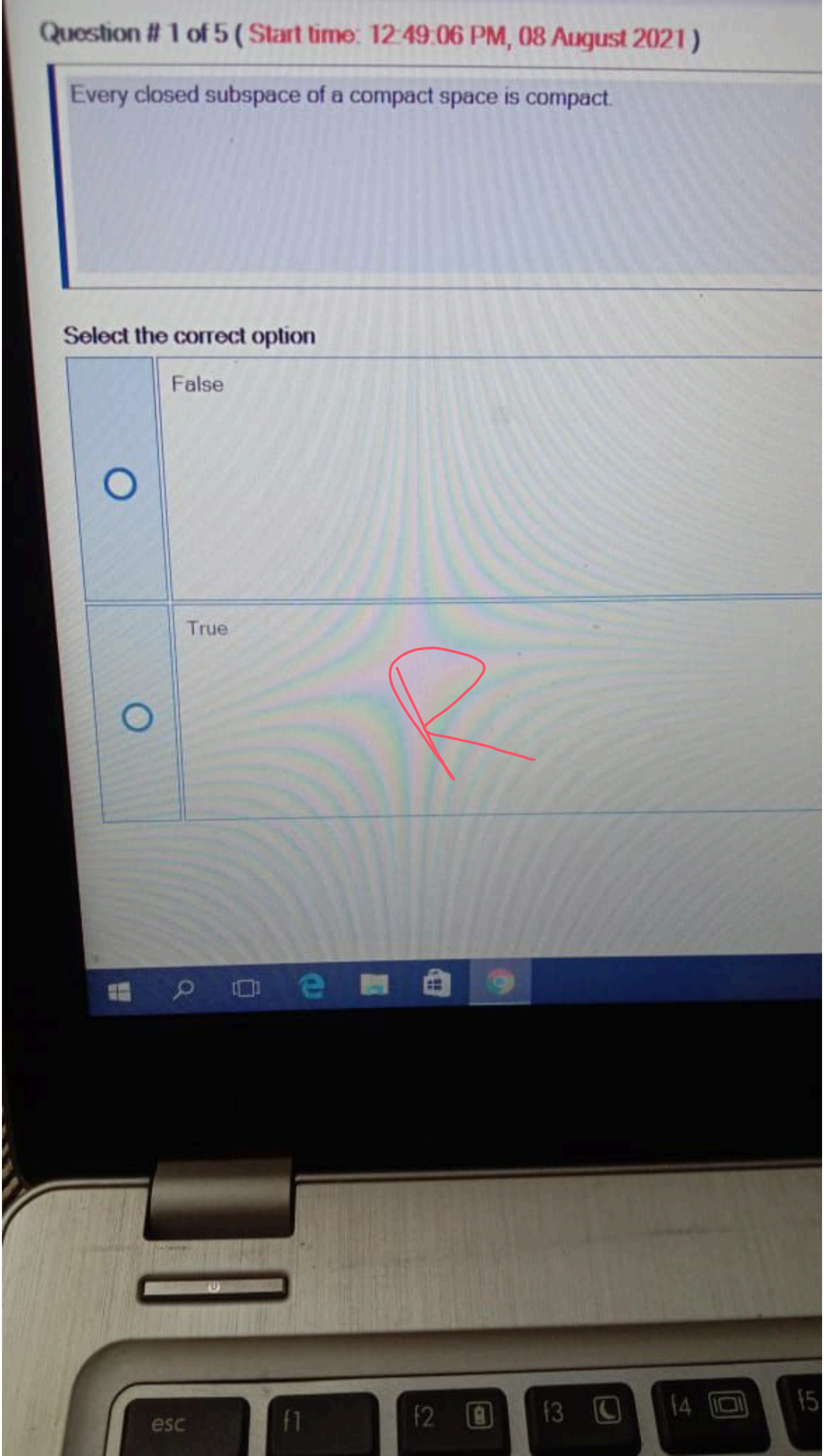
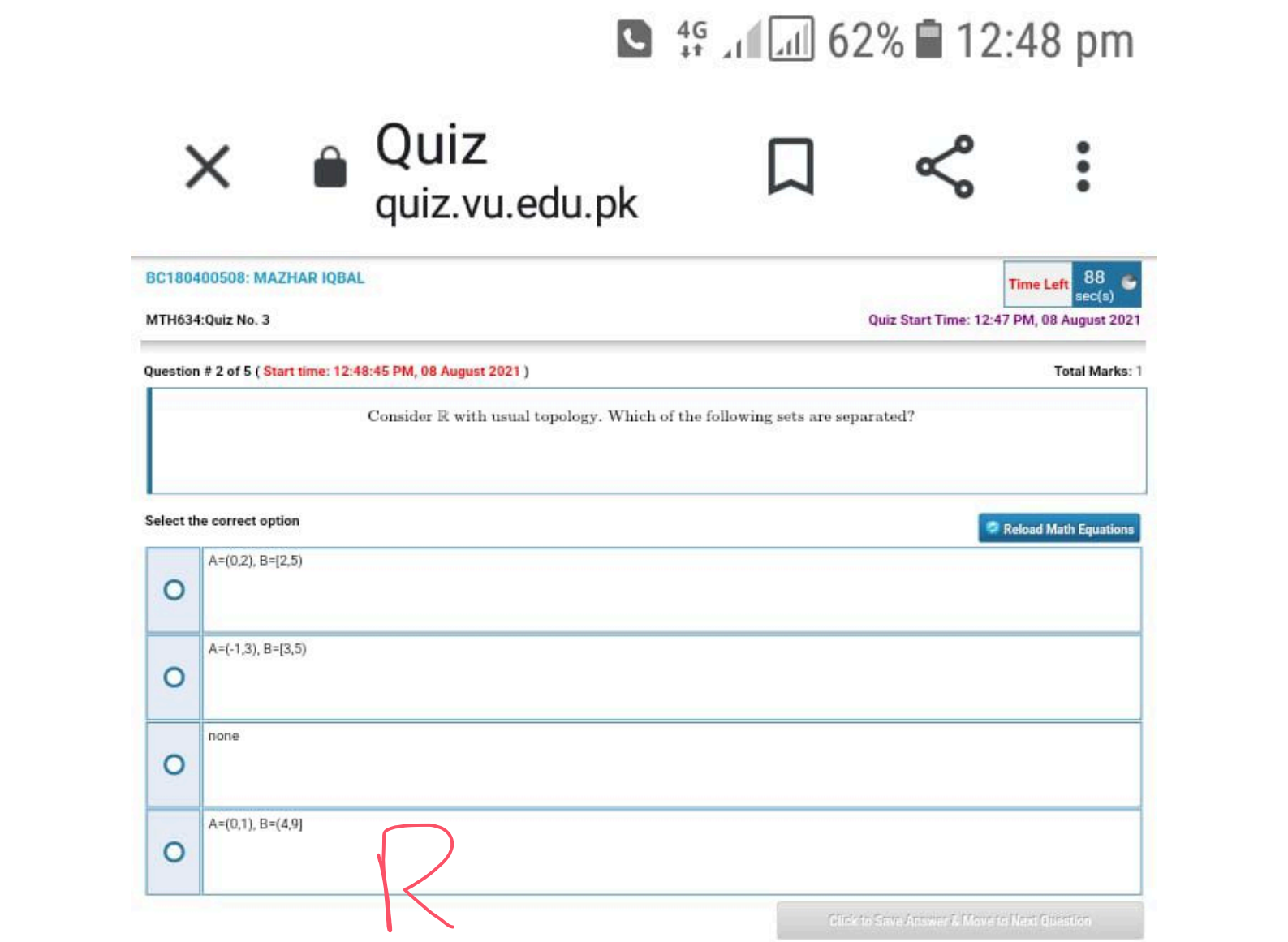
Question # 1 of 5 ( Start time: 12:49:06 PM, 08 August 2021 )

Every closed subspace of a compact space is compact.

Select the correct option

- False
- True



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63% 12:47 pm

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BC180400508: MAZHAR IQBAL

Time Left 87 sec(s)

MTH634:Quiz No. 3

Quiz Start Time: 12:47 PM, 08 August 2021

Question # 1 of 5 ( Start time: 12:47:47 PM, 08 August 2021 )

Total Marks: 1

Which of the following statement is false?

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Select the correct option

- Every metric space is normal space.
- Every metric space is second countable.
- Every metric space is Hausdorff space.
- none

Click to Save Answer & Move to Next Question

Quiz Start Time: 12:45 PM, 08 August 2021

Total Marks: 1

Consider R with usual topology. There exits no homomorphism between an open interval of R and a closed interval of R.

Select the correct option

Reload Math Equations

False

True

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12:30 68%
quiz.vu.edu.pk/QuizQuestio 5

Question # 2 of 5 ( Start time: 12:30:48 PM, 08 August 2021 ) Tota

$\mathbb{R}$ with usual topology is a $T_4 - space$.

Select the correct option

Reload Math E

- False
- True

Click to Save Answer & Move to Next Questio

12:30 68%
quiz.vu.edu.pk/QuizQuestio 5

MC200405431: ABDUL REHMAN

Time Left 87 sec(s)

MTH634:Quiz No. 3

Quiz Start Time: 12:29 PM, 08 August 2021

Question # 1 of 5 ( Start time: 12:29:57 PM, 08 August 2021 )

Total Marks: 1

Which of the following statement is true?

Select the correct option

Reload Math Equations

- R with indiscrete topology is compact.
- R with cofinite topology is not compact.
- $\mathbb{R}$ with discrete topology is compact.
- $\mathbb{R}$ with usual topology is compact.

Click to Save Answer & Move to Next Question

Quiz

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200400014: SHUMAILA NOUREEN

H634 Quiz No. 3

estion # 5 of 5 ( Start time: 12:29:24 PM, 08 August 2021 )

$\mathbb{R}$ with usual topology is a $T_4$ – *space*.

Select the correct option

- False
- True

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Quiz

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0400014: SHUMAILA NOUREEN

34:Quiz No. 3

tion # 4 of 5 ( Start time: 12:28:38 PM, 08 August 2021 )

Consider $\mathbb{R}$ with usual topology. Then $A = (0, 1) \cup (3, 5]$ is disconnected subset of $\mathbb{R}$.

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elect the correct option

- False
- True

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:200400014: SHUMAILA NOUREEN

H634:Quiz No. 3

uestion # 3 of 5 ( Start time: 12:27:40 PM, 08 August 2021 )

Consider $\mathbb{R}$ with usual topology. Which of the following sets are separated?

Select the correct option

- A=(-1,3), B=[3,5)
- A=(0,1), B=(4,9]
- A=(0,2), B=[2,5)
- none

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Quiz

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0014: SHUMAILA NOUREEN

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Quiz No. 3

2 of 5 ( Start time: 12:26:36 PM, 08 August 2021 )

Consider $\mathbb{R}$ with usual topology. There exits no homomorphism between an open interval of $\mathbb{R}$ and a closed interval of $\mathbb{R}$.

the correct option

True

False

Type here to search

31°C

Quiz List × Quiz × +

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MC200400014: SHUMAILA NOUREEN

MTH634:Quiz No. 3

Question # 1 of 5 ( Start time: 12:25:20 PM, 08 August 2021 )

Which of the following statement is true?

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Select the correct option

- ℝ with discrete topology is comp
- ℝ with indiscrete topology is comp
- ℝ with usual topology is compact
- ℝ with cofinite topology is not compa

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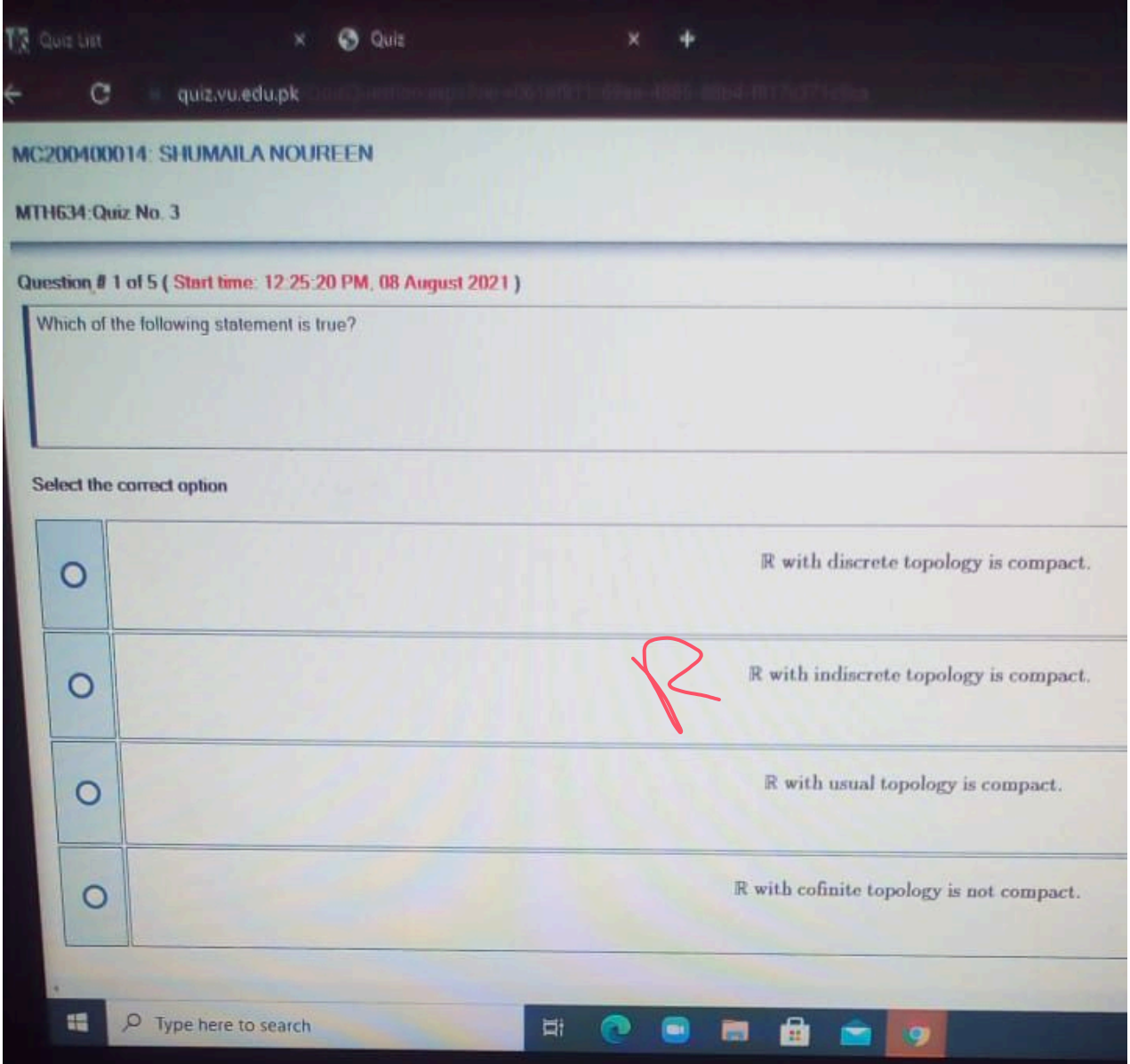
Quiz List
Quiz
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MC200400014: SHUMAILA NOUREEN
MTH634:Quiz No. 3
Question # 1 of 5 ( Start time: 12:25:20 PM, 08 August 2021 )
Which of the following statement is true?
Select the correct option
ℝ with discrete topology is compact.
ℝ with indiscrete topology is compact.
ℝ with usual topology is compact.
ℝ with cofinite topology is not compact.
Type here to search

69% 12:21 PM

Quiz
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BC170403407: SABA ZAHID

Time Left 87 sec(s)

MTH634:Quiz No. 3

Quiz Start Time: 12:18 PM, 08 August 2021

Question # 5 of 5 ( Start time: 12:21:52 PM, 08 August 2021 )

Total Marks: 1

Which of the following statement is true?

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Select the correct option

Reload Math Equations

- $\mathbb{R}$ with discrete topology is compact.
- $\mathbb{R}$ with usual topology is compact.
- $\mathbb{R}$ with indiscrete topology is compact.
- $\mathbb{R}$ with cofinite topology is not compact.

Click to Save Answer & Move to Next Question

70% 12:20 PM

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BC170403407: SABA ZAHID

Time Left 85 sec(s)

MTH634:Quiz No. 3

Quiz Start Time: 12:18 PM, 08 August 2021

Question # 4 of 5 ( Start time: 12:20:42 PM, 08 August 2021 )

Total Marks: 1

Consider $\mathbb{R}$ with usual topology. There exits no homomorphism between an open interval of $\mathbb{R}$ and a closed interval of $\mathbb{R}$.

Select the correct option

Reload Math Equations

- False
- True

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Click to Save Answer & Move to Next Question

70% 12:19 PM

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BC170403407: SABA ZAHID

Time Left 87 sec(s)

MTH634:Quiz No. 3

Quiz Start Time: 12:18 PM, 08 August 2021

Question # 2 of 5 ( Start time: 12:19:26 PM, 08 August 2021 )

Total Marks: 1

Which of the following statement is false?

Select the correct option

- none
- Every metric space is Hausdorff space.
- Every metric space is second countable.
- Every metric space is normal space.

70% 12:18 PM

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BC170403407: SABA ZAHID

Time Left 89 sec(s)

MTH634:Quiz No. 3

Quiz Start Time: 12:18 PM, 08 August 2021

Question # 1 of 5 ( Start time: 12:18:52 PM, 08 August 2021 )

Total Marks: 1

Every discrete space is not a regular space.

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Select the correct option

- True
- False

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12:15

Quiz
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MC190403618: SADIA NASEEM

Time Left 87 sec(s)

MTH634:Quiz No. 3

Quiz Start Time: 12:13 PM, 08 August 2021

Question # 5 of 5 ( Start time: 12:15:40 PM, 08 August 2021 )

Total Marks: 1

Every closed subspace of a compact space is compact.

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Select the correct option

- True
- False

Click to Save Answer & Move to Next Question

12:15

15.3 K/s

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MC190403618: SADIA NASEEM

Time Left 87 sec(s)

MTH634:Quiz No. 3

Quiz Start Time: 12:13 PM, 08 August 2021

Question # 4 of 5 ( Start time: 12:14:59 PM, 08 August 2021 )

Total Marks: 1

Consider $\mathbb{R}$ with usual topology. Then $A = (0, 1) \cup (3, 5]$ is disconnected subset of $\mathbb{R}$.

Select the correct option

Reload Math Equations

False

True

R

12:14 54.0 K/s 73

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MC190403618: SADIA NASEEM

Time Left 87 sec(s)

MTH634:Quiz No. 3

Quiz Start Time: 12:13 PM, 08 August 2021

Question # 3 of 5 ( Start time: 12:14:21 PM, 08 August 2021 )

Total Marks: 1

Consider $\mathbb{R}$ with usual topology. Which of the following sets are separated?

Select the correct option

Reload Math Equations

- none
- A=(0,1), B=(4,9]
- A=(-1,3), B=[3,5)
- A=(0,2), B=[2,5)

Save Answer & Move to Next Question

12:13

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MC190403618: SADIA NASEEM

Time Left 88 sec(s)

MTH634:Quiz No. 3

Quiz Start Time: 12:13 PM, 08 August 2021

Question # 2 of 5 ( Start time: 12:13:51 PM, 08 August 2021 )

Total Marks: 1

All the metric spaces are not normal spaces.

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Select the correct option

- True
- False

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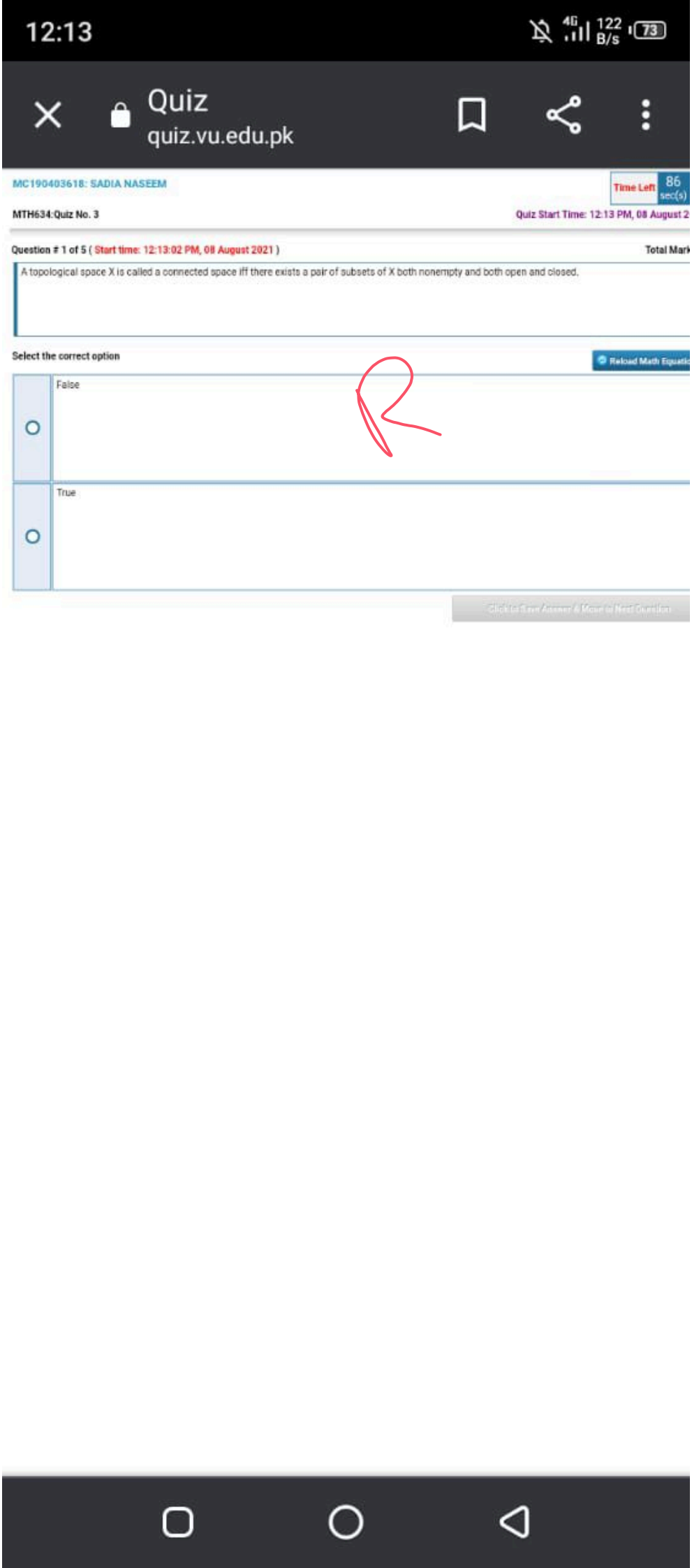
12:13
122 B/s
73
Quiz
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MC190403618: SADIA NASEEM
Time Left 86 sec(s)
MTH634:Quiz No. 3
Quiz Start Time: 12:13 PM, 08 August 2
Question # 1 of 5 ( Start time: 12:13:02 PM, 08 August 2021 )
Total Mark
A topological space X is called a connected space iff there exists a pair of subsets of X both nonempty and both open and closed.
Select the correct option
Reload Math Equatio
False
True

12:09 PM 436 B/s 71

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Question # 5 of 5 ( Start time: 12:08:58 PM, 08 August 2021 )

Which of the following statement is false?

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Select the correct option

- A finite set X with any topology is compact.
- An infinite set X with discrete topology is compact.
- A set X with any topology containing finite number subsets of X is compact.
- A set X with indiscrete topology is compact.

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Search...

12:03 0.72 KB/S 94
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MC190400643: SHAZIA UMBREEN

Time Left 82 sec(s)

MTH634:Quiz No. 3

Quiz Start Time: 12:03 PM, 08 August 2021

Question # 2 of 5 ( Start time: 12:03:39 PM, 08 August 2021 )

Total Marks: 1

Every compact subspace of a Hausdorff space is not closed.

Select the correct option

- False
- True

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12:07 PM

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Question # 4 of 5 ( Start time: 12:07:24 PM, 08 August 2021 )

Every compact subspace of a Hausdorff space is not closed.

Select the correct option

- True
- False

Search...

12:04 20.0 KB/S 93
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MC190400643: SHAZIA UMBREEN

Time Left 89 sec(s)

MTH634:Quiz No. 3

Quiz Start Time: 12:03 PM, 08 August 2021

Question # 3 of 5 ( Start time: 12:04:24 PM, 08 August 2021 )

Total Marks: 1

A set X with cofinite topology is compact.

Select the correct option

- True
- False

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12:06 PM

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Question # 3 of 5 ( Start time: 12:06:36 PM, 08 August 2021 )

Which of the following statement is false?

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Select the correct option

- Every metric space is normal space.
- none
- Every metric space is Hausdorff space.
- Every metric space is second countable.

Search...

12:04 PM
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MTH634:Quiz No. 3 Quiz Start T

Question # 1 of 5 ( Start time: 12:04:20 PM, 08 August 2021 )

Consider $\mathbb{R}$ with usual topology. Which of the following sets are separated?

Select the correct option

- A=(0,2), B=[2,5)
- A=(0,1), B=(4,9]
- A=(-1,3), B=[3,5)
- none

Click to Save Answer

Search...

12:05 21.0 KB/S 93

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MC190400643: SHAZIA UMBREEN

Time Left 86 sec(s)

MTH634:Quiz No. 3

Quiz Start Time: 12:03 PM, 08 August 2021

Question # 4 of 5 ( Start time: 12:05:12 PM, 08 August 2021 ) Total Marks: 1

A topological space X is called a connected space iff there exists a pair of subsets of X both nonempty and both open and closed.

Select the correct option

Reload Math Equations

- False
- True

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12:06 0.25 KB/S 93
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MC190400643: SHAZIA UMBREEN

Time Left 89 sec(s)

MTH634:Quiz No. 3

Quiz Start Time: 12:03 PM, 08 August 2021

Question # 5 of 5 ( Start time: 12:06:23 PM, 08 August 2021 )

Total Marks: 1

All the metric spaces are not normal spaces.

Select the correct option

- False
- True

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12:05 PM ••• 4G 6.9 K/s 72

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Question # 2 of 5 ( Start time: 12:05:21 PM, 08 August 2021 )

Consider $\mathbb{R}$ with usual topology. Then $A = (0, 1) \cup (3, 5]$ is disconnected subset of $\mathbb{R}$.

Select the correct option

- False
- True

Click to Save Answer & Move

Search...

12:03 21.0 KB/S 94
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MC190400643: SHAZIA UMBREEN

Time Left 89 sec(s)

MTH634:Quiz No. 3

Quiz Start Time: 12:03 PM, 08 August 2021

Question # 1 of 5 ( Start time: 12:03:05 PM, 08 August 2021 )

Total Marks: 1

Image of a compact space under a continuous map is compact.

Select the correct option

- True
- False

Click to Save Answer & Move to Next Question